

5 **Abstract**

10 Sterilisable composite film for manufacturing pouch type forms of packaging and the like for e.g. liquid, pasty or solid foodstuffs. The sterilisable composite films according to the present invention contain a barrier layer that is impermeable to water vapour and gases in the form of a metal foil. On both sides of the barrier layer is at least one functional layer. The following layers are arranged on top of each other in the composite film:

- 15 a) a first functional layer containing a plastic film of the polyamide or polyolefin type or an extrusion layer of polyolefins or one or more lacquer layers or print and lacquer layers or print layers and
- 20 b) a metal foil and
- c) a second functional layer in the form of a plastic film of coextrusion coated, co-extruded or extrusion laminated polyamide/ polypropylene type layers, such as e.g. a film contain-ing polyamide/ polypropylene layers or containing polypropylene/ polyamide/ poly-propylene layers .

(Fig. 1)

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